



A Simpson Strong-Tie® Company

INSTRUCTIONS



Commissioning S&P Power Pump



Commissioning Power Pump Instructions



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Ref: ARMO_PowerPump_Inbetriebnahme_Anleitung_EU-EN.V1

FILLING METHODS



For bags: manual filling into storage container



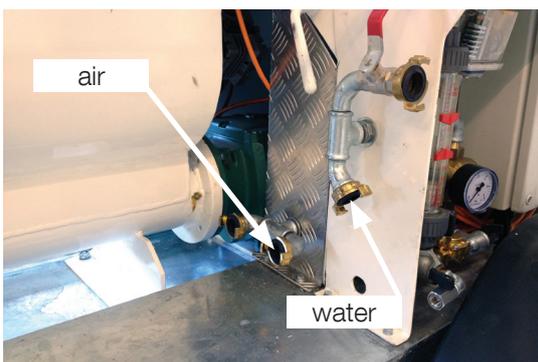
For silo: Attach using the pre-installed connectors on the silo (no dust development)

POWER SUPPLY



Power supply 380 Volt / 32 Amp

AIR & WATER



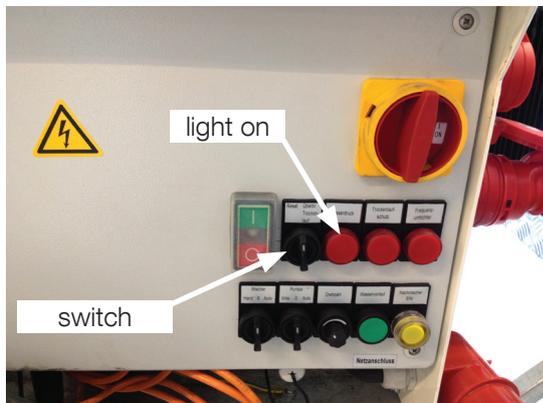
Connect the compressed air and the water to the S&P ARMO-Power Pump. Air and water pressure maximum 2 bar (29 psi).

02.2021

COMMISSIONING

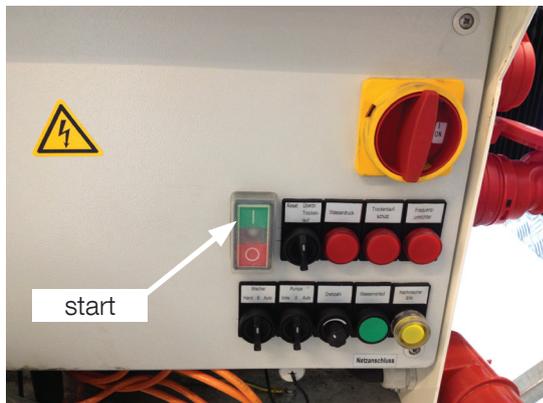


Turn main power switch ON



Indicator light «Wasserdruck» (water pressure) lights.

Turn the rotary switch «Wasserdruck» (water pressure) to the left on «Reset», so the indicator light goes out.



When the indicator light goes off, the green system power button can be pushed to start the pump.



Push and hold the button «Wasservorlauf» (water supply) and adjust the waterflow with the handwheel.

For the application on medium wet ground approx. 420 - 470 litres are necessary.

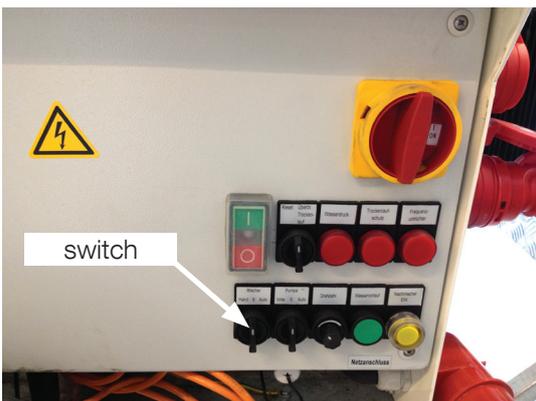


Turn the mixer to the side and let out at least one bucket of mortar until the material has a constant, homogeneous consistency. The mortar can be corrected to the desired amount of water using the handwheel. Then position the mixing unit again over the remixing container.

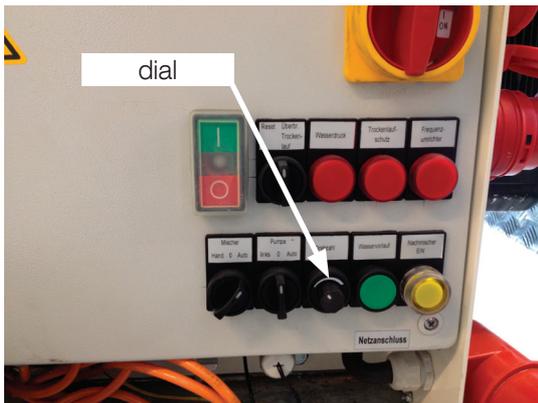
CAUTION: Never add dry material to the remix tank!



Press the yellow «Nachmischer» (post-mixer) button so that the post-mixer shaft starts to rotate.



Set the «Mischer» (mixer) rotary switch to «Auto» and wait until the entire post-mixing container is full. The mixer stops automatically as soon as the mortar reaches the probe.

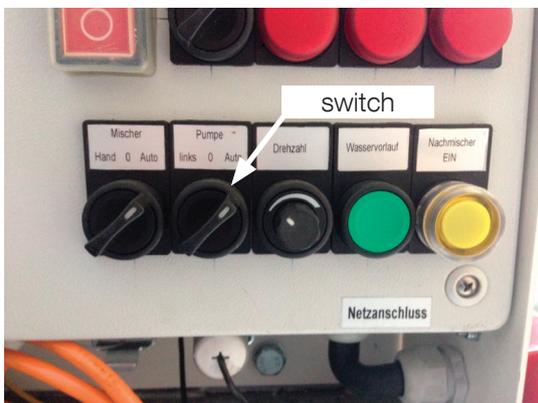


Turn the pump speed dial «Drehzahl» to the desired position. This can be used to set the delivery rate of the mortar.

During commissioning and normal mortar work, 1/3 of the power is sufficient.



Before starting the material conveying, a lubricating mixture must be added to the material hoses! This can be a cement slurry, but we recommend using fish paste.



Set the rotary switch «Pumpe» to «Auto». Now the machine can be switched on and off at the spray nozzle. Air open: Machine starts pumping, air closed: Machine stops pumping.

The delivery pressure at the pressure gauge must not exceed 35 bar (500 psi). If this is the case, the rotary switch «Pumpe» must be turned to «links» (left). The clogged hoses must be emptied manually!



Before the end of the spraying work, set the «Mischer» (Mixer) rotary switch to «O» and set the rotary switch to «Überbr. Trockenlauf» (bypass dry run) to pump the remaining material out of the post-mixing container until the delivery shaft can be seen.

CLEANING

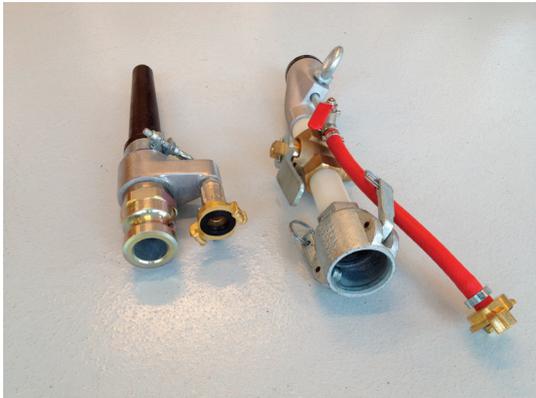


Now the machine and the material hoses can be cleaned. Each hose is to be cleaned individually and must be cleaned through at least 2 times with the cleaning balls.

SAFETY

Measures regarding health & safety (protective clothing/accident prevention) are a prerequisite.

ACCESSOIRES



Recommended spray nozzles

More information about the S&P ARMO System and all technical data sheets, as well as all safety data sheets, are available at www.sp-reinforcement.eu

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